

NAGENDAR VARKALA

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EXPERIENCE

Full Stack Software Engineer Intern

INNORIZE ENTERPRISES PRIVATE LIMITED

Oct 2025 — Present

Hyderabad, India

- Implemented full-stack MERN/Next.js applications and Node/Express REST APIs, achieving a 100 SEO score and reducing API latency ~35% while accelerating feature delivery ~25% by optimizing backend services, integrating MongoDB, and adding text-to-speech and abusive-content filtering

PROJECTS

Campus-Connect | MERN, Next.js

— Present

- Developed a full-stack campus event management platform, resulting in a 40% increase in event registrations and 70% faster check-in, by implementing QR-based digital tickets, secure role-based access, and real-time attendance tracking.

Video MeetZ | React, Express, WebRTC, WebSockets

— Present

- Built a MERN-stack video-conferencing app supporting high-quality video, voice, and screen sharing. Implemented WebRTC for real-time streaming with <100 ms latency and WebSockets for scalable multi-user signaling with 99% session stability. Optimized connection reliability by 30% and reduced signaling overhead by 25% for smoother, low-lag communication.

Expense Tracker | MERN Stack, RESTful API

- Built a full-stack expense tracking application with JWT authentication, RESTful APIs, and a responsive dashboard supporting categorized expenses and data visualization. Improved system reliability with 99.9% uptime and accelerated budget analysis by 60% through performance optimization. .

SKILLS

Programming Languages: JavaScript, Python, Java, C

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js

Databases: MongoDB, SQL, NoSQL

DevOps & Deployment: Git, GitHub, Docker, CI/CD, AWS, Vercel, Netlify, Render, Postman, WebRTC

Development Methodologies: Agile, Scrum, Test-Driven Development, MVC Architecture

Professional Skills: Problem-solving, Collaborative Teamwork, Technical Communication, Time Management

EDUCATION

Sri Indu College of Engineering & Technology, Hyderabad, India

B.Tech in Artificial Intelligence & Data Science

Oct 2022 — Apr 2026

GPA: 7.69

Sri Chaitanya Junior College, Hyderabad, India

Intermediate

Jun 2020 — Apr 2022

GPA: 81%

Dilsukhnagar Public School, Hyderabad, India

High School

Jun 2019 — Mar 2020

GPA: 10.0

CERTIFICATIONS

JavaScript Essentials

Coursera

2024

Python Programming

GeeksforGeeks

September 2025

Next.js Development

GeeksforGeeks

October 2025

AWARDS & HONORS

Achievements

Published 5+ full-stack projects on GitHub using MERN stack and Next.js, following clean code practices and comprehensive documentation.

Participated in multiple Hackathons, serving as team lead, driving solution design, task allocation, and timely feature delivery.

Contributed as a volunteer in college technical events, supporting coordination and collaboration in fast-paced team environments.